PVS-Studio Analysis Results

Date: Sat Dec 3 15:54:30 2022
PVS-Studio Version: 7.20.63487.255
Command Line: plog-converter -t fullhtml PVS-Studio.log -o ../../PVS_report
Total Warnings (GA): 18

Group	Location	Level	Code	Message
General Analysis	jpeg2000Compression.cpp:89	**High**	V614	Uninitialized variable 'colorspace' used. Consider checking the third actual argument of the 'opj_image_create' function.
General Analysis	jpeg2000Compression.h:27	**Medium**	V730	Not all members of a class are initialized inside the constructor. Consider inspecting: buffer_, size_.
General Analysis	tiffFile.h:32	**Medium**	V690	The 'TiffFile' class implements a copy constructor, but lacks the copy assignment operator. It is dangerous to use such a class.
General Analysis	dcmtkUtils.cpp:233	**Medium**	V581	The conditional expressions of the 'if' statements situated alongside each other are identical. Check lines: 229, 233.
General Analysis	dcmFileDraft.cpp:42	**High**	V730	Not all members of a class are initialized inside the constructor. Consider inspecting: frame_count_.
General Analysis	imageFilePyramidSource.h:53	**Medium**	V703	It is odd that the 'filename_' field in derived class 'ImageFilePyramidSource' overwrites field in base class 'BaseFilePyramidSource'. Check lines: imageFilePyramidSource.h:53, baseFilePyramidSource.h:63.
General Analysis	wsiToDcm.h:90	**Medium**	V730	Not all members of a class are initialized inside the compiler generated constructor. Consider inspecting: tiled, batchLimit.
General Analysis	tiffDirectory.cpp:273	**Medium**	V1048	The '* val' variable was assigned the same value.
General Analysis	tiffDirectory.cpp:285	**Medium**	V1048	The '* val' variable was assigned the same value.
General Analysis	tiffFile.cpp:28	**Medium**	V1077	The 'TiffFile' constructor contains potentially uninitialized members. Inspect the following: tileReadBufSize_.
General Analysis	tiffFile.cpp:28	**High**	V730	Not all members of a class are initialized inside the constructor. Consider inspecting: openslide_level_.
General Analysis	tiffFile.cpp:46	**Medium**	V1077	The 'TiffFile' constructor contains potentially uninitialized members. Inspect the following: tileReadBufSize_, openslide_level_.
General Analysis	main.cpp:290	**Medium**	V1048	The 'request.openCVInterpolationMethod' variable was assigned the same value.
General Analysis	main.cpp:304	**Medium**	V1048	The 'request.openCVInterpolationMethod' variable was assigned the same value.
General Analysis	main.cpp:320	**Medium**	V1048	The 'request.jpegSubsampling' variable was assigned the same value.
General Analysis	tiffFrame.h:37	**Medium**	V690	The 'TiffFrame' class implements a copy constructor, but lacks the copy assignment operator. It is dangerous to use such a class.
General Analysis	wsiToDcm.cpp:60	**Medium**	V601	The bool type is implicitly cast to the class type. Inspect the first argument.
General Analysis	wsiToDcm.cpp:81	**High**	V730	Not all members of a class are initialized inside the constructor. Consider inspecting: largestSlideLevelWidth_, largestSlideLevelHeight_, svsLevelCount_.